

Tripwire ExpertOps

Your Turnkey System Integrity Solution

Highlights

- » Simple subscription pricing for best-in-class FIM and SCM
- » Detailed understanding of good vs. bad changes
- » Broadest depth and breadth of compliance policy and platform coverage
- » Tailored advice, incident assistance and audit support related to Tripwire findings
- » Cloud-hosted infrastructure combined with consulting services

Tripwire® ExpertOpsSM combines managed services with the industry's best File Integrity Monitoring (FIM) and Security Configuration Management (SCM). The solution provides personalized consulting and cloud-based infrastructure so you can focus on detecting breaches and staying in compliance. The solution is easy to deploy and use, with simple subscription pricing and a low total cost of ownership.

The service enables IT security, compliance and IT operations teams to rapidly achieve a foundational level of security throughout their IT infrastructure by reducing the attack surface, increasing system integrity and delivering continuous compliance. Plus, because Tripwire ExpertOps includes personalized consulting, you receive ongoing support from a designated Tripwire Expert.

Benefits

- » 24/7 security and compliance visibility via a customized dashboard
- » Alerts and reports in your inbox
- » Waivers and change requests made easy
- » Recommendations and organizational grading to maximize value
- » No more awkward or incomplete handoffs when your staff changes
- » Maximize the benefits of your security and compliance efforts

How it Works

Tripwire ExpertOps provides you with continuous staffing to operate and manage your Tripwire solution at peak efficiency. The solution adapts to your objectives—reports and profiling tasks are customized to meet your changing objectives and priorities. You will receive expert guidance to update your system and policy configurations to align with your corporate policies. And you'll gain visibility via 24/7 access to security and compliance information via a tailored dashboard and management console.

A Tripwire Expert will act as an extension of your team by prioritizing work efforts, managing critical escalations and presenting results to stakeholders. Together you will jointly develop a Service Plan that outlines communication practices, escalation procedures and any specialized requests. The Tripwire Expert will then tune and operate your FIM or SCM solution and provide:

- » Prescriptive policy and content guidance to ensure that the most critical changes and risks are identified quickly
- » Recommendations for maximizing automation capabilities for security and event alerting practices, change management process integrations, and audit prep activities
- » Prioritized remediation to identify opportunities to reduce risk and efficiently improve compliance posture
- » Quarterly CISO and executive review of achievements towards objectives, insight into ongoing improvement, and utility of the environment
- » Organizational grading for each accountable department to provide visibility into groups needing additional resources and attention

Best-in-Class FIM and SCM

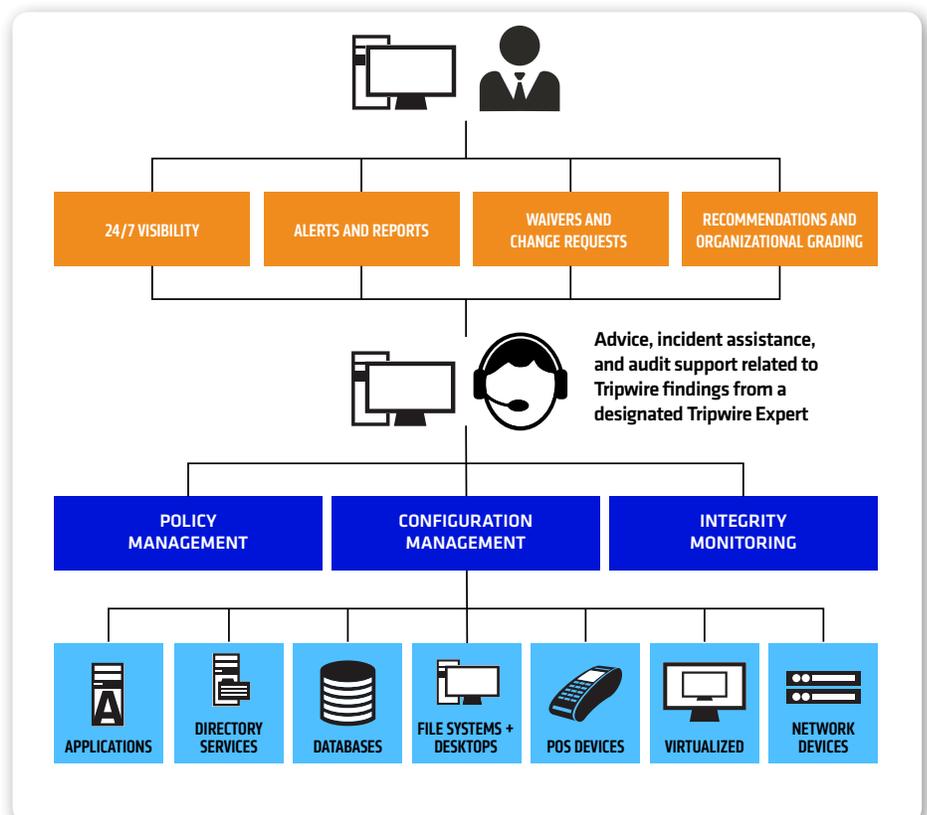
Tripwire ExpertOps combines expert consulting and cloud infrastructure with four foundational capabilities to provide a turnkey SCM solution:

Tripwire File Integrity Manager (FIM) is the world's first and best file integrity monitoring technology. It checks across large heterogeneous environments to provide threat detection and instant insight into configuration vulnerabilities while increasing operational efficiency by reducing configuration drift and unauthorized change. Combined with Tripwire Policy Manager, it delivers change-triggered configuration assessment and other system configurable responses. This turns a "passive" configuration assessment into a dynamic, continuous and real-time defensive solution that immediately detects deviations from expected, secure configuration standards and hardening guidelines. Your Tripwire Expert will refine FIM results so that reporting is actionable and that the most important configuration lapses drive work activity.

Tripwire Policy Manager establishes and maintains continuous monitoring and configuration assessment across large heterogeneous environments using a comprehensive library of

policies and platforms. Policy Manager also offers customizable policies, waiver and exception management, automated remediation guidance, and prioritized policy scoring with thresholds, weights and severities. It does all this while providing auditors with evidence of compliance and making policy status highly visible and actionable for compliance teams. Your Tripwire Expert will work closely with auditors to provide re-usable reporting that answers Tripwire-related questions in the proper context without requiring an auditor that understands the technology.

Remediation Manager provides built-in guidance to IT security and compliance teams to repair drifted, misaligned security configurations while retaining role-based management, approvals and sign-offs for repairs. This helps operations teams more easily and efficiently know what failed and how to return systems into a production-ready state—and once they're in production, keep them there. Investigation and Root Cause Drill-down capabilities give IT Security and



Tripwire ExpertOps helps you spend less time managing tools and more time securing your organization.

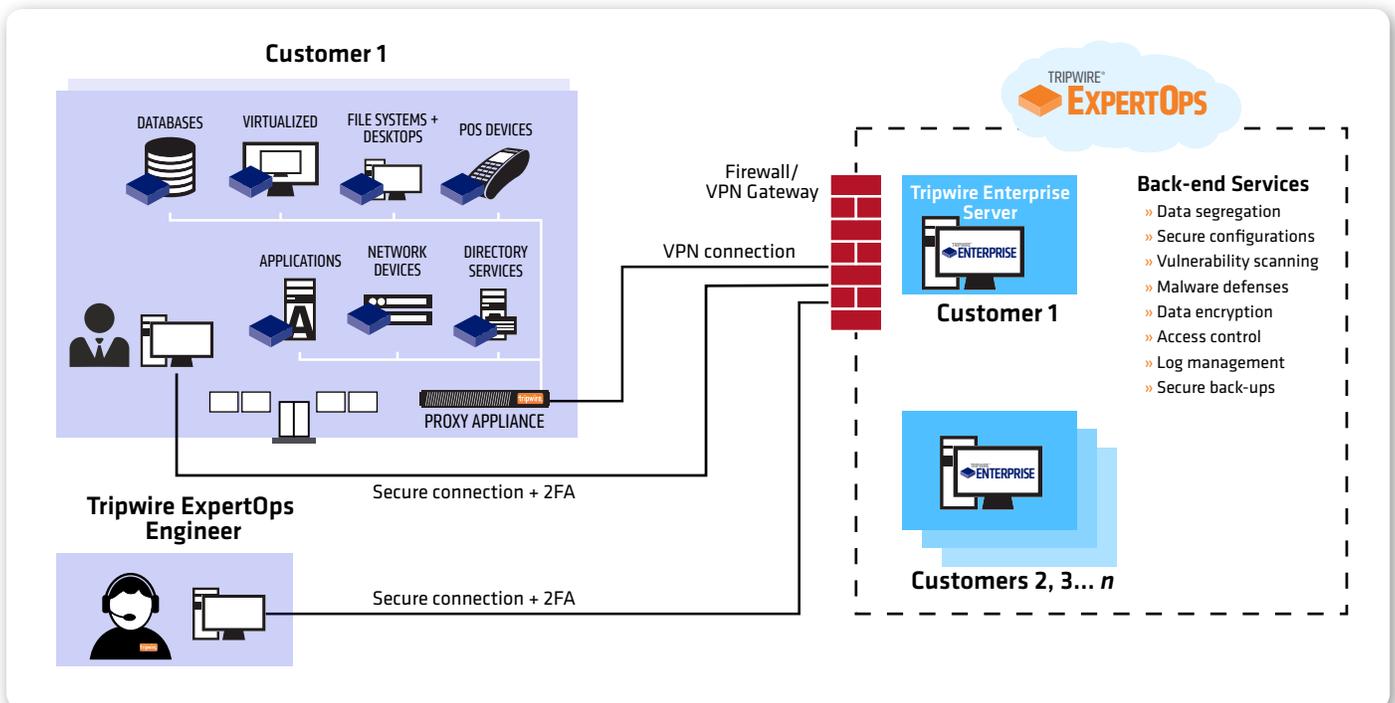
Operations teams the ability to rapidly and effectively investigate and determine root causes. Systems inevitably change as enterprises constantly revise and change their people, processes and technologies. Tripwire ExpertOps delivers granular drill-down, side-by-side comparisons, historic baselines and comparisons to quickly provide investigative teams what they need to know: what changed, when, by whom and how often, along with “how” information.

The Tripwire Axon® platform enables flexible data collection and resilient communication across a broad range of devices, cloud and virtualized assets. The platform addresses collection challenges by utilizing an extensible and resource-efficient agent, asynchronous messaging techniques, and product- and platform-neutral message definitions. The Tripwire Axon agent and its plugins are designed to operate efficiently, optimized for minimal overall system resource utilization and network bandwidth.

Coverage Across Physical and Cloud Infrastructure

Applications	Ensure that supported applications are configured properly for security, compliance and optimal performance and availability using compliance policy management and file integrity monitoring capabilities.
Directory Services	Independent compliance policy management for LDAP-compliant directory server objects and attributes, such as LDAP schema, password settings, user permissions, network resources, group updates and security policies.
Databases	Get your Oracle, Microsoft and IBM database servers into secure, continually high-performing states.
File Systems and Desktops	Assess the configurations of physical and virtual server and desktop file systems, including security settings, configuration parameters and permissions.
Point-of-Sale (POS) Devices	Secure your POS devices against cyber threats while managing security and compliance policies for POS devices. Provide IT Operations with alerts, notifications and response guidance when possible breach indicators or “indicators of compromise” are suspected.
Virtualized Environments	Deliver protection for virtualized environments—private, public and hybrid clouds. Gain visibility across the VMware virtual infrastructure, and enable continuous configuration control of virtual environments.
Network Devices	Broad support of network devices, including any device running a POSIX-compliant operating system.

Tripwire ExpertOps supports components across the entire IT stack, so you can focus on detecting breaches and staying in compliance.



Tripwire ExpertOps combines FIM and SCM software as a service, personalized consulting, administration services and cloud-based infrastructure

Enterprise Support

Tripwire ExpertOps operates with agents or agentlessly, and supports:

- » All major OSes: Windows, RedHat, SUSE, Solaris, macOS, Debian, CentOS, etc.
- » Many vendor-specific OSes: AIX, HP-UX, etc.
- » Directory Services: Active Directory, LDAP, etc.
- » Network Devices: firewalls, IPS and IDS configurations, routers, etc.
- » Databases: Oracle, MS SQL, DB2, etc.
- » Continuous Monitoring via Secure Cloud Infrastructure

Get 24/7 visibility without deploying additional hardware, databases and back-end software. Tripwire ExpertOps is built on the Microsoft Azure cloud computing platform allowing the service to quickly scale to meet your needs while maintaining high levels of security. The service uses a single-tenancy model to ensure that data remains segregated between customer accounts. Tripwire applies multiple controls for security and privacy of your data including secure configurations, vulnerability scanning, data encryption, malware defenses, access control, log management, multi-factor authentication, VPN and much more.

Ready to Take the Next Step?

Get in touch with your Tripwire Account Manager — or visit www.tripwire.com/contact — to develop a custom Service Plan for Tripwire ExpertOps.

(Please note that this service is currently available only in North America.)

Migrating from Tripwire Enterprise?

We can help with migration services and pricing. Contact your Tripwire Account Manager for details.

Tripwire ExpertOps Features

Single point of control for all IT configurations	Centralized control of configurations across the entire hybrid IT infrastructure, including servers, devices, applications, and multiple platforms and operating systems.
Robust Asset View capabilities	Classify assets with business-relevant tags such as risk, priority, geographic location, regulatory policies and more. Asset View capabilities now offer provisioning with an asset tag file, increased scale for large numbers of assets, giving a sharper view of risk across the entire organization.
Workflow tools for managing failed configurations	Role-based workflow tools that let users approve, deny, defer or execute remediation of failed configurations.
Faster, easier audit preparation	Dramatically reduce the time and effort for audit preparation by obtaining continuous, comprehensive IT infrastructure baselines, along with real-time change detection and built-in intelligence to determine the impact of change.
Support for maintaining a secure, compliant state	Configuration assessment with file integrity monitoring to detect, analyze and report on changes as they happen and keep configurations continually compliant. This immediate access to change information lets you fix issues before they result in a major data breach, audit finding or long-term outage.
Automated IT compliance processes	Automate compliance with the industry regulations and standards that organizations are subject to—including PCI, NERC, SOX, FISMA, DISA and many others.
Designated Tripwire Expert	A Tripwire Expert that will act as an extension of your team by prioritizing work efforts, managing critical escalations and presenting results to stakeholders.
Custom Service Plan	Your Tripwire Expert will jointly develop a Service Plan outlining communication practices, escalation practices and any specialized requests.
Organization grading	Gain visibility into groups needing additional resources and attention through operational grading provided on a quarterly basis that's based on your KPIs.
Expert recommendations	Maximized automation capabilities for security and event alerting practices, change management process integrations and audit prep activities, based on reconitions from your Tripwire Expert.
CISO and executive reviews	A quarterly report to your key stakeholders that includes deployment health statistics as well as an overview of achievements towards your objectives. The quarterly CISO and Executive review provides insight into the ongoing improvement and utility of your Tripwire environment.
Prescriptive policies and content	Your Tripwire Expert will provide a framework for FIM and compliance content that produces a prescriptive prioritization for FIM and policy changes. This framework will be used along with your input to ensure that the most critical changes/risks are identified quickly.
Prioritized remediation	Take a practical approach to gap remediation by identifying the areas of greatest impact to organizational risk and opportunities to efficiently improve overall compliance posture.
Reporting analysis	Your Tripwire Expert will review FIM and policy compliance changes and look for "unusual activity" and bring it to your attention during service reviews. Urgent changes are handled based on your event ticket creation practices.
Dashboard and reporting maintenance	A full complement of tailored reports, created and adjusted by your Tripwire Expert based on your environment and monitoring needs.
Waiver creation and updates	Your Tripwire Expert will create and update waivers as directed by you. This includes the inclusion of onboarded nodes in applicable waivers as well adjustment to waiver expiration dates and/or comments.
Custom application monitoring	Monitor custom applications including specific directories to be monitored or database queries to identify important changes.
Change reconciliation assistance	Promote unauthorized changes according to the schedule defined in your Service Plan.



Tripwire is a leading provider of security, compliance and IT operations solutions for enterprises, industrial organizations, service providers and government agencies. Tripwire solutions are based on high-fidelity asset visibility and deep endpoint intelligence combined with business context; together these solutions integrate and automate security and IT operations. Tripwire's portfolio of enterprise-class solutions includes configuration and policy management, file integrity monitoring, vulnerability management, log management, and reporting and analytics. [Learn more at tripwire.com](http://tripwire.com)

The State of Security: Security News, Trends and Insights at tripwire.com/blog
 Follow us on Twitter [@TripwireInc](https://twitter.com/TripwireInc) » Watch us at youtube.com/TripwireInc